

00862.022290.



PATENT APPLICATION

#4
131
2622
04-01-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
NOBUYUKI HIRAYAMA)
Appln. No.: 09/902,756)
Filed: July 12, 2001)
For: PRINthead, HEAD CARTRIDGE)
HAVING THE PRINthead,)
PRINTING APPARATUS USING)
THE PRINthead, AND)
PRINthead ELEMENT)
SUBSTRATE : February 22, 2002

Examiner: NYA

Group Art Unit: 2622

RECEIVED

MAR 01 2002

Technology Center 2600

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

For the concise explanation of relevance for the Japanese Patent Application Laid-Open No. 9-327914, the Examiner is referred to the discussion starting at page 2, line 20, and ending at page 4, line 8 of the specification, to the corresponding English-language

English-language abstract, and to the counterpart English-language European Patent Application submitted herewith.

For the concise explanation of relevance for the Japanese Patent Applications Laid-Open Nos. 59-123670 and 59-138461, the Examiner is referred to the discussion starting at page 48, line 18, and ending at page 49, line 10 of the specification, and to the corresponding English-language abstracts submitted herewith.

The Examiner's attention is also directed to the following U.S. application:

<u>APPLICATION NO.</u>	<u>FILING DATE</u>	<u>GROUP ART UNIT</u>
09/822,193	04/02/01	2853

A copy of the cited U.S. application, as originally filed, is enclosed.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be initialed and returned indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,

21 P. Dunn
Attorney for Applicant

Registration No. 29,286

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)FEB 25 2002
MPEP JC 189
PATENT & TRADEMARK OFFICE

APPLICANT

NOBUYUKI HIRAYAMA

FILING DATE

July 12, 2001

GROUP

2622

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,345,262	8/82	Shirato et al.	346	140	RECEIVED
	4,723,129	2/88	Endo et al.	346	1.1	MAR 11 2002
	4,740,796	4/88	Endo et al.	346	1.1	Technology Center 2000
	4,463,359	7/84	Ayata et al.	346	1.1	
	4,313,124	1/82	Hara	346	140 R	
	4,558,333	12/85	Sugitani et al.	346	140 R	
	4,459,600	7/84	Sato et al.	346	140 R	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
JP	9-327914	12/97	Japan			Abstract with counterpart English-language European Patent Application EP811488A2
EP	811488A2	12/97	Europe			Original document in English language
JP	59-123670	7/84	Japan			Abstract
JP	59-138461	8/84	Japan			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1